



Form PTO 1449		
ATTY DOCKET NO. 66-00A	SERIAL NO. 10/676,566	FILING DATE: September 30, 2003
APPLICANT Wheeler et al.		GROUP: Not assigned

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Subclass	Filing Date
de	4,736,866	4/12/88	Leder et al.	800	1	
	4,873,191	10/10/89	Wagner et al.	435	172.3	
	4,873,316	10/10/89	Meade et al.	530	412	
	4,994,384	2/19/91	Prather et al.	435	172.2	
	5,057,420	10/15/91	Massey	435	172.2	
	5,304,489	4/19/94	Rosen	435	320.1	
	5,453,457	9/26/95	Meltzer et al.	523	136	
	5,496,720	3/5/96	Susko-Parrish et al.	435	240.2	
	5,523,226	6/4/96	Wheeler	435	240.2	
	5,530,177	6/25/96	Bleck et al.	800	2	
	5,565,362	10/15/96	Rosen	435	320.1	
	5,686,120	11/11/97	Mertz et al.	435	320.1	
	5,831,141	11/3/98	Lubon et al.	800	2	
	5,850,000	12/15/98	Bleck et al.	800	2	
	5,852,224	12/22/98	Cooper et al.	800	2	
	5,914,267	6/22/99	Mertz et al.	435	320.1	
	6,004,805	12/21/99	Casperson	435	325	
	6,011,197	6/4/00	Strelchenko et al.	800	24	
de	6,027,722	2/22/00	Hodgson	424	93.21	

EXAMINER	<i>Deborah Brack</i>	DATE CONSIDERED	1-20-06
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de		6,066,725	5/23/00	DeBoer et al.	536	23.5	
de		6,080,912	6/27/00	Bremel et al.	800	23	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No
de		WO99/14310	3/25/99	PCT	C12N	1/00	
		WO 97/07669	3/6/97	PCT	A01K	67/027	
		WO 97/07668	3/6/97	PCT	A01K	67/027	
		WO 95/17500	6/29/95	PCT	C12N	5/00	
		WO93/03143	2/18/93	PCT	C12N	5/10	
		WO 88/05486	7/28/88	PCT	E04B	5/57	
		EP 264,166	8/21/96	EP	C12N	15/90	
de		EP 117,058	09/20/89	EP	C12N	15/00	

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

de		Alexander and Carey (1999) "Oral IGF-I enhances nutrient and electrolyte absorption in neonatal piglet intestine" Am. J. Physiol. Liv. Phys., 277:G619-G625
		Bleck and Bremel, (1994) "Variation in Expression of a Bovine α -Lactalbumin Transgene in Milk of Transgenic Mice" J. Dairy Sci., 77:1897
		Bleck, GT et al. (1994) "Modification of Milk Composition Using Molecular Biology" Illinois Dairy Report, Department of Animal Sciences, Cooperative Extension Service, Agricultural Experiment Station, College of Agriculture, University of Illinois at Champaign-Urbana, pp. 83-86.
de		Bleck, G.T. et al. (1995) "Alteration of Milk to Improve Animal Production" Int. Emb. Trans. Soc. Newsletter 13(2):6-10

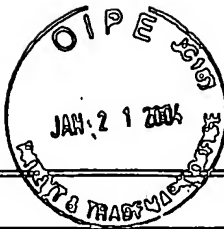
EXAMINER	Deborah Bruch	DATE CONSIDERED	1-20-06
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de	Bleck, GT et al. (1996) "Increasing Total Solids and Reducing Lactose and Water Content of Milk" Illinois Dairy Report, Department of Animal Sciences, Cooperative Extension Service, Agricultural Experiment Station, College of Agriculture, University of Illinois at Champaign-Urbana, pp. 89-91.
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	Bleck, GT et al (1998) "Transgenic Alteration of Sow Milk to Improve Piglet Growth and Health" University of Illinois Swine Research Reports, pp. 29-30. September 30, 1999
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	Burns et al. (1993) "Vesicular stomatitis virus G glycoprotein pseudotyped retroviral vectors: Concentration to very high titer and efficient gene transfer into mammalian and nonmammalian cells", Proc. Natl. Acad. Sci. USA 90:8033-8037
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	Chandrasena et al. (1992) "Expression of Sucrase-Isomaltase mRNA along the Villus-Crypt Axis in the Rat Small Intestine" Cell. Mol. Biol., 38:243-254
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de	Cohick (1998) "Role of the Insulin-like Growth Factors and Their Binding Proteins in Lactation" J. Dairy Sci., Symposium: Growth Hormone and Insulin-Like Growth Factors 81:1769-1777

EXAMINER	DATE CONSIDERED
Deborah Crouch	1-20-06
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

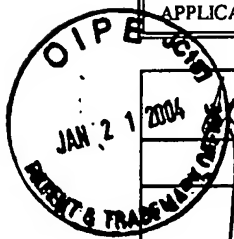


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APPLICANT Wheeler et al.		GROUP: Not assigned

de	Donovan et al. (2001) "Transgenic Over-Expression of Bovine α -Lactalbumin and Human Insulin-Like Growth Factor-I in Porcine Mammary Gland" J. Dairy Sci. 84(E. Suppl.):E216-E222.
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EXAMINER	<i>Deborah Cronch</i>	DATE CONSIDERED	1-20-06
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		Shennan, (1998) "Mammary Gland Membrane Transport Systems" J. Mamm. Gland Biol. Neoplasia, 3:247-258
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		Wheeler, M. (August 1999) Transgenic alteration of sow milk: production and characterization of bovine - lactalbumin and human IGF-I transgenic swine. Abstracts of the Transgenic Animals in Research Conference; Transgenic Research pp. 463; 474-475
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FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

<i>de</i>		Houdebine, L.M., The production of pharmaceutical proteins from the milk of transgenic animals. Reprod Nutr Dev (1995) 35, 609-617.

EXAMINER <i>Deborah Branch</i>	DATE CONSIDERED <i>1-26-06</i>
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<i>be</i>	5,850,000	15 Dec 1998	Bleck et al.	<i>/</i>	<i>/</i>	

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No
EP0420055A2	03 April 1991	EP			

OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)

<i>be</i>	Bleck, G.T., Production of transgenic pigs and mice containing the gene encoding human insulin-like growth factor I(IGF-I) under control of the bovine α -lactalbumin promoter and regulatory regions, Denver 1998 ADSA-ASAS Joint Meeting Hosted by Colorado State University, J. Anim. Sci. Vol. 76, Suppl. 1/J. Dairy Sci. Vol. 81, Suppl 1/1998, pp. 213.
<i>be</i>	Clark, A.J., The Mammary Gland as a Bioreactor: Expression, Processing, and Production of Recombinant Proteins. Journal of Mammary Gland Biology and Neoplasia. 1998, Vol. 3, No. 3, pages 337-350.
	Donovan SM et al., Transgenic Over-Expression of Bovine α -Lactalbumin and Human Insulin-Like Growth Factor-1 in Rerine Mammary Gland, J. Dairy Sci. 84 (E, Suppl): E216-E222.
<i>be</i>	Fujiwara, Y., High-Level Expressing YAC Vector for Transgenic Animal Bioreactors. Molecular Reproduction and Development. 1999, Vol. 52, pages 414-420.
<i>be</i>	Houdebine, L.M., Transgenic Animal Bioreactors. Transgenic Research. 2000, Vol. 9, pages 305-320.

EXAMINER <i>Deborah Conch</i>	DATE CONSIDERED <i>1-20-06</i>
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	Bates et al. Mammary Cancer in Transgenic Mice Expressing Insulin-Like Growth Factor-II (IGF-II). British Journal of Cancer 72:1189-1193, 1995
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/676,566
Filing Date	09/30/2003
First Named Inventor	WHEELER et al.
Art Unit	Not assigned
Examiner Name	Not assigned
Attorney Docket Number	66-00A

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
<i>de</i>		5,534,493	07/09/1996	Gluckman et al.	

FOREIGN PATENT DOCUMENTS

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NON-PATENT LITERATURE DOCUMENTS

REFERENCE			
Examiner Initial*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature		Date Considered	
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¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "x" if English language Translation is attached.